

Serial No:10/715,615
Docket No: AMIOC-001

AMENDMENT IN THE CLAIMS

Claims 1-18 (canceled)

Claim 19 (new):

An apparatus for use in a coolant reclaiming system to collect and return coolant to a coolant delivery system used in cutting machines, comprising:

a body that is hollow and generally cylindrically shaped, said body of an inner diameter, an outer diameter and having a first end, a second end and a side-wall, the side-wall having an inner surface and an outer surface;

a shoulder, said shoulder integrally formed with the inner surface of the side-wall at a spaced distance from the first end, said shoulder having a first shoulder diameter and a second shoulder diameter;

a bottom connected to the inner surface of the side-wall between the first and second ends of said body towards the first end thereof;

a drain line connected to a drain port formed through the side-wall;

wherein the first and second ends are open and the first end for receiving a barrel of an exterior diameter that is greater than second shoulder diameter of said shoulder and said shoulder for supporting the barrel thereon; and

further wherein the first shoulder diameter of said shoulder is slightly greater than the exterior diameter of the barrel so as to provide a tight tolerance between the inner surface of the side-wall and the outer surface of the barrel so a bottom edge of the barrel contacts the inner surface of the side-wall when the barrel begins to tip, thereby preventing the barrel from tipping over.

Claim 20 (new):

The apparatus of claim 19, further comprising:

three casters attached to said body for supporting the apparatus upon a surface.

Claim 21 (new):

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The apparatus of claim 19, wherein the lower edge of the drain port is flush with said bottom.

Claim 22 (new):

The apparatus of claim 19, wherein said coolant return line is positioned relative to the coolant delivery system such that coolant is returned to the coolant delivery system by gravity.

Claim 23 (new):

An apparatus for supporting a coolant collecting barrel forming part of a coolant reclaiming system and for receiving and returning coolant from the barrel to a coolant delivery system used in cutting machines, the apparatus comprising:

- a body having an opened first end, a second end and a side wall extending between said first and said second ends, said first end defining an integrally formed shoulder and is adapted to removably receive and support a bottom edge of the barrel;
- a bottom integrally formed with said side wall approximate said first end;
- said side wall and said bottom together defining a shallow receptacle for receiving coolant from the barrel through a bottom wall thereof; and
- a coolant return line attached to a drain port defined and formed through said side wall.

Claim 24 (new):

The apparatus of claim 23, further comprising:

- three casters attached to said body for supporting said apparatus upon a surface.

Claim 25 (new):

The apparatus of claim 23 wherein said drain port is defined and formed through said side wall such that a bottom edge of said drain port is flush with said bottom.

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Claim 26(new):

The apparatus of claim 23, wherein the diameter of said shoulder is slightly greater than an exterior diameter of the barrel so as to provide a tight tolerance between an inner surface of the side-wall and an outer surface of the barrel so the bottom edge of the barrel contacts the inner surface of the side-wall when the barrel begins to tip, thereby preventing the barrel from tipping over.

Claim 27 (new):

An apparatus for use in a coolant reclaiming system to collect and return coolant to a coolant delivery system used in cutting machines, comprising:

- a body that is hollow and generally cylindrically shaped, said body of an inner diameter, an outer diameter and having a first end, a second end and a side-wall, the side-wall having an inner surface and an outer surface;

- a shoulder, said shoulder integrally formed with the inner surface of the side-wall, said shoulder having a first shoulder diameter greater than the inner diameter of said body and a second shoulder diameter equal to the inner diameter of said body;

- a bottom connected to the inner surface of the side-wall between the first and second ends of said body towards the first end thereof;

- a drain line connected to a drain port formed through the side-wall, the drain port formed through the side-wall so that the lower edge of the drain port is flush with said bottom;

- at least 3 casters connected to said body at a spaced distance therefrom;

- said first and second ends are open and the first end for receiving a barrel of an exterior diameter that is less than the first shoulder diameter of said shoulder and said shoulder supporting the barrel thereon; and

- wherein said first shoulder diameter of said shoulder is slightly greater than the exterior diameter of the barrel so as to provide a tight tolerance between the inner surface of the side-wall and the outer surface of the barrel so a bottom edge of the

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barrel contacts the inner surface of the side-wall when the barrel begins to tip, thereby preventing the barrel from tipping over.